BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Improvements to Roads and Drains at Jakkur and Srirampura Surrounding Area in Ward No 05 (Jakkur) Byatarayanapura Sub Division

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.1		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross road									
		LHS (East Side)									
		From Dead End To 2nd main Road									
0	15.5	Bs Slab	Cum	1	15.50	1.10	1.10	1.10	0.95	16.20	
15.5	28.4		Cum	1	12.90	1.10	1.10	1.10	0.95	13.48	
28.4	39.9	Bs Slab	Cum	1	11.50	1.10	1.10	1.10	0.95	12.02	
39.9	60		Cum	1	20.10	1.10	1.10	1.10	0.95	21.00	
60	75		Cum	1	15.00	1.10	1.10	1.10	0.95	15.68	
75	90		Cum	1	15.00	1.10	1.10	1.10	0.95	15.68	
90	101.3		Cum	1	11.30	1.10	1.10	1.10	0.95	11.81	
		RHS (West Side)									
		From 2nd main Road To Dead End									
0	15		Cum	1	15.00	1.10	1.10	1.10	1.10	18.15	
15	30		Cum	1	15.00	1.10	1.10	1.10	1.10	18.15	
30	45.9		Cum	1	15.90	1.10	1.10	1.10	1.10	19.24	
45.9	46.7	One Side Wall	Cum	1	0.80	1.10	1.10	1.10	1.10	0.97	
46.7	54.1	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.95	0.00	
54.1	60		Cum	1	5.90	1.10	1.10	1.10	1.10	7.14	
60	73.5		Cum	1	13.50	1.10	1.10	1.10	1.10	16.34	
73.5	88.5		Cum	1	15.00	1.10	1.10	1.10	1.10	18.15	
88.5	99.2		Cum	1	10.70	1.10	1.10	1.10	1.10	12.95	
		9th Cross Road									
		RHS (West Side)									
		From 2nd Main Road To #65/A Sai Nilaya									
0	15		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
15	30		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
30	45		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
45	60		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
60	65		Cum	1	5.00	1.25	1.25	1.25	0.90	5.63	
		Culvert									
		13th Cross Road	Cum	1	7.40	1.70	1.70	1.70	1.00	12.58	
		Drain Desilting									
		Telecom Layout									
		15th Cross Road									
		LHS (west Side)									
		From Dead End To 2nd Main Road									
0	15		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
15	22.6		Cum	1	7.60	0.55	0.55	0.55	0.45	1.88	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor

Assistant Engineer

Assistant Executive Engineer

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
22.6	35.6		Cum	1	13.00	0.55	0.55	0.55	0.45	3.22	
35.6	48.8	Road Break	Cum	1	0.00	0.55	0.55	0.55	0.45	0.00	
48.8	60		Cum	1	11.20	0.55	0.55	0.55	0.45	2.77	
60	72.7	Bs Slab	Cum	1	12.70	0.55	0.55	0.55	0.45	3.14	
72.7	85		Cum	1	12.30	0.55	0.55	0.55	0.45	3.04	
85	100	Bs Slab	Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
100	109.3	Bs Slab	Cum	1	9.30	0.55	0.55	0.55	0.45	2.30	
109.3	121.9		Cum	1	12.60	0.55	0.55	0.55	0.45	3.12	
121.9	134.4	Bs Slab	Cum	1	12.50	0.55	0.55	0.55	0.45	3.09	
134.4	149.4		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
149.4	159		Cum	1	9.60	0.55	0.55	0.55	0.45	2.38	
159	171.6	Bs Slab	Cum	1	12.60	0.55	0.55	0.55	0.45	3.12	
171.6	182.3	Road Break	Cum	1	0.00	0.55	0.55	0.55	0.45	0.00	
182.3	197.3		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
197.3	212.3		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
212.3	218.4		Cum	1	6.10	0.55	0.55	0.55	0.45	1.51	
		RHS (East Side)									
		From 2nd Main Road To Dead End									
0	11		Cum	1	11.00	0.55	0.55	0.55	0.45	2.72	
11	23.5	Bs Slab	Cum	1	0.00	0.55	0.55	0.55	0.45	0.00	
23.5	38.5		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
38.5	53.5		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
53.5	60.5		Cum	1	7.00	0.55	0.55	0.55	0.45	1.73	
60.5	61.9	No Work (Swd Drain)	Cum	1	0.00	0.55	0.55	0.55	0.45	0.00	
61.9	76.9		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
76.9	91.9		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
91.9	106.9		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
106.9	111.7		Cum	1	4.80	0.55	0.55	0.55	0.45	1.19	
111.7	114	No Work	Cum	1	2.30	0.55	0.55	0.55	0.45	0.57	
114	132.2		Cum	1	18.20	0.55	0.55	0.55	0.45	4.50	
132.2	145.2	Bs Slab	Cum	1	13.00	0.55	0.55	0.55	0.45	3.22	
145.2	160.2		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
160.2	168.4		Cum	1	8.20	0.55	0.55	0.55	0.45	2.03	
168.4	182.8	Road Break	Cum	1	0.00	0.55	0.55	0.55	0.45	0.00	
182.8	184.8	No Work	Cum	1	2.00	0.55	0.55	0.55	0.45	0.50	
184.8	199.8		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
199.8	214.8		Cum	1	15.00	0.55	0.55	0.55	0.45	3.71	
214.8	218.3		Cum	1	3.50	0.55	0.55	0.55	0.45	0.87	
		16th Cross Road									
		Fro 15th Cross Road to Swd Drain									
0	15		Cum	1	15.00	0.50	0.50	0.50	0.50	3.75	
15	30		Cum	1	15.00	0.50	0.50	0.50	0.50	3.75	
30	42.6		Cum	1	12.60	0.50	0.50	0.50	0.50	3.15	
42.6	57.6		Cum	1	15.00	0.50	0.50	0.50	0.50	3.75	
57.6	72.6		Cum	1	15.00	0.50	0.50	0.50	0.50	3.75	
72.6	87.6		Cum	1	15.00	0.50	0.50	0.50	0.50	3.75	
87.6	89.7		Cum	1	2.10	0.50	0.50	0.50	0.50	0.52	
									Total Executed Quantity	420.23	
									Qty Carried to Summary	420.23	**217.92**

13/1/24

13/1/24

CIVIL Pro Sig..... Date..... BANGALORE

15/11/24

15/1/2024

Contractor PMC Assistant Engineer Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.2		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		15th Cross Road									
		LHS (west Side)									
		From Dead End To 2nd Main Road									
3	9		Sqm	1	6.00	1.80	1.80	1.80		10.80	
15	20		Sqm	1	5.00	1.80	1.80	1.80		9.00	
22.6	28		Sqm	1	5.40	1.80	1.80	1.80		9.72	
35.6	48.8	Road Break									
48.8	56		Sqm	1	7.20	1.80	1.80	1.80		12.96	
60.1	66.1		Sqm	1	6.00	1.80	1.80	1.80		10.80	
212.3	218.4		Sqm	1	6.10	1.80	1.80	1.80		10.98	
		RHS (East Side)									
		From 2nd Main Road To Dead End									
3	11		Sqm	1	8.00	1.80	1.80	1.80		14.40	
148	160.2		Sqm	1	12.20	1.80	1.80	1.80		21.96	
160.2	168.4		Sqm	1	8.20	1.80	1.80	1.80		14.76	
168.4	182.8	Road Break	Sqm	1	0.00	1.80	1.80	1.80		0.00	
199.8	208		Sqm	1	8.20	1.80	1.80	1.80		14.76	
		16th Cross Road									
		Fro 15th Cross Road to Swd Drain									
18	25		Sqm	1	7.00	1.80	1.80	1.80		12.60	
46	54		Sqm	1	8.00	1.80	1.80	1.80		14.40	
76	84		Sqm	1	8.00	1.80	1.80	1.80		14.40	
									Total Executed Quantity	**171.54**	
									Qty Carried to Summary	**171.54**	

18/1/24

CAFC
WOSEC
18/1/2024

CIVIL Pro
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Date.....
BANGALORE

Contractor PMC Assistant Engineer 18/1/24 Assistant Executive Engineer

Asst. Executive Engineer
Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.4		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross road									
		LHS (East Side)									
		From Dead End To 2nd main Road									
0	15.5	Bs Slab	Cum	1	15.50	1.10	1.10	1.10	0.15	2.56	
15.5	28.4		Cum	1	12.90	1.10	1.10	1.10	0.15	2.13	
28.4	39.9	Bs Slab	Cum	1	11.50	1.10	1.10	1.10	0.15	1.90	
39.9	60		Cum	1	20.10	1.10	1.10	1.10	0.15	3.32	
60	75		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
75	90		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
90	101.3		Cum	1	11.30	1.10	1.10	1.10	0.15	1.86	
		RHS (West Side)									
		From 2nd main Road To Dead End									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30	45.9		Cum	1	15.90	1.10	1.10	1.10	0.15	2.62	
45.9	46.7	One Side Wall	Cum	1	0.80	1.10	1.10	1.10	0.15	0.13	
46.7	54.1	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
54.1	60		Cum	1	5.90	1.10	1.10	1.10	0.15	0.97	
60	73.5		Cum	1	13.50	1.10	1.10	1.10	0.15	2.23	
73.5	88.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
88.5	99.2		Cum	1	10.70	1.10	1.10	1.10	0.15	1.77	
		9th Cross Road									
		RHS (West Side)									
		From 2nd Main Road To #65/A Sai Nilaya									
0	15		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
15	30		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
30	45		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
45	60		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
60	65		Cum	1	5.00	1.25	1.25	1.25	0.15	0.94	
		Culvert									
		13th Cross Road	Cum	1	7.40	1.70	1.70	1.70	0.15	1.89	
									Total Executed Quantity	45.94	
									Qty Carried to Summary	45.94	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Asst. Executive Engineer Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.6		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		For Drain	Tonne		From Steel Calculation Sheet					5.40	
		For Culvert	Tonne		From Steel Calculation Sheet					0.36	
					Total Executed Quantity					**5.76**	
					Qty Carried to Summary					**5.76**	

RC
16/2/2024

16/2/24

Contractor

CIVIL Pro
Sig.....
Date.....
BMC
BANGALORE

16/2/24
Assistant Engineer

16/2/2024
Assistant Executive Engineer
Project Division

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Improvements to Roads and Drains at Jakkur and Srirampura Surrounding Area in Ward No 05 (Jakkur) Byatarayanapura Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item No. 06	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
	Measurements Taken On;								
	For RCC Drain								
	Telecom Layout								
	13th Cross road								
	LHS (East Side)								
	From Dead End To 2nd main Road								
	Main Bars (#12@160 c/c)	1	12	633	633	2.50	1582.81	0.89	1405.24
	Distribution(10-#10)	1	10	10	10	101.30	1013.00	0.62	624.55
	RHS (West Side)								
	From 2nd main Road To Dead End								
	Main Bars (#12@160 c/c)	1	12	574	574	2.80	1606.50	0.89	1426.27
	Distribution(12-#10)	1	10	12	12	91.80	1101.60	0.62	679.18
	9th Cross Road								
	RHS (West Side)								
	From 2nd Main Road To #65/A Sai Nilaya								
	Main Bars (#12@160 c/c)	1	12	406	406	2.40	975.00	0.89	865.62
	Distribution(10-#10)	1	10	10	10	65.00	650.00	0.62	400.75
								QTY IN KG'S	5401.62
								QTY IN TONNE	5.40
	For Culvert								
	13th Cross Road								
	12# @160 c/c main bars	1	12	47	47	5.40	255.15	0.89	226.53
	10# @200 c/c Distrubution bars	1	10	29	29	7.40	214.60	0.62	132.31
								QTY IN KG'S	358.83
								QTY IN TONNE	0.36
								TOTAL QTY IN KG'S	**5760.45**
								TOTAL QTY IN TONNE	**5.76**

Contractor

CIVIL Pro Sig..... PMC Date.....

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer Project Division

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.9		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		For Flagging Course P.C.C									
		Telecom Layout									
		15th Cross Road									
		LHS (west Side)									
		From Dead End To 2nd Main Road									
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
15	22.6		Cum	2	7.60	0.20	0.20	0.20	0.10	0.30	
22.6	35.6		Cum	2	13.00	0.20	0.20	0.20	0.10	0.52	
35.6	48.8	Road Break	Cum	0	13.20	0.20	0.20	0.20	0.10	0.00	
48.8	60		Cum	2	11.20	0.20	0.20	0.20	0.10	0.45	
60	72.7	Bs Slab	Cum	2	12.70	0.20	0.20	0.20	0.10	0.51	
72.7	85		Cum	2	12.30	0.20	0.20	0.20	0.10	0.49	
85	100	Bs Slab	Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
100	109.3	Bs Slab	Cum	2	9.30	0.20	0.20	0.20	0.10	0.37	
109.3	121.9		Cum	2	12.60	0.20	0.20	0.20	0.10	0.50	
121.9	134.4	Bs Slab	Cum	0	12.50	0.20	0.20	0.20	0.10	0.00	
134.4	149.4		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
149.4	159		Cum	2	9.60	0.20	0.20	0.20	0.10	0.38	
159	171.6	Bs Slab	Cum	0	12.60	0.20	0.20	0.20	0.10	0.00	
171.6	182.3	Road Break	Cum	0	10.70	0.20	0.20	0.20	0.10	0.00	
182.3	197.3		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
197.3	212.3		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
212.3	218.4		Cum	2	6.10	0.20	0.20	0.20	0.10	0.24	
		RHS (East Side)									
		From 2nd Main Road To Dead End									
0	11		Cum	2	11.00	0.20	0.20	0.20	0.10	0.44	
11	23.5	Bs Slab	Cum	0	12.50	0.20	0.20	0.20	0.10	0.00	
23.5	38.5		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
38.5	53.5		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
53.5	60.5		Cum	2	7.00	0.20	0.20	0.20	0.10	0.28	
60.5	61.9	No Work (Swd Drain)	Cum	0	1.40	0.20	0.20	0.20	0.10	0.00	
61.9	76.9		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
76.9	91.9		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
91.9	106.9		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
106.9	111.7		Cum	2	4.80	0.20	0.20	0.20	0.10	0.19	
111.7	114	No Work	Cum	0	2.30	0.20	0.20	0.20	0.10	0.00	
114	132.2		Cum	2	18.20	0.20	0.20	0.20	0.10	0.73	
132.2	145.2	Bs Slab	Cum	0	13.00	0.20	0.20	0.20	0.10	0.00	
145.2	160.2		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
160.2	168.4		Cum	2	8.20	0.20	0.20	0.20	0.10	0.33	
168.4	182.8	Road Break	Cum	0	14.40	0.20	0.20	0.20	0.10	0.00	
182.8	184.8	No Work	Cum	0	2.00	0.20	0.20	0.20	0.10	0.00	
184.8	199.8		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
199.8	214.8		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
214.8	218.3		Cum	2	3.50	0.20	0.20	0.20	0.10	0.14	

19/5/24

C/R

20/5/2024

19/5/2024

Contractor

CIVIL Pro
Sig.....
Date.....
PMC
BANGALORE

20/5/R

Assistant Engineer

20/5/24

Asst. Executive Engineer
Assistant Executive Engineer.
Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		16th Cross Road									
		Fro 15th Cross Road to Swd Drain									
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
30	42.6		Cum	2	12.60	0.20	0.20	0.20	0.10	0.50	
42.6	57.6		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
57.6	72.6		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
72.6	87.6		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
87.6	89.7		Cum	2	2.10	0.20	0.20	0.20	0.10	0.08	
		For Flagging Course Coping									
		Telecom Layout									
		15th Cross Road									
		LHS (west Side)									
		From Dead End To 2nd Main Road									
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
15	22.6		Cum	2	7.60	0.20	0.20	0.20	0.10	0.30	
22.6	35.6		Cum	2	13.00	0.20	0.20	0.20	0.10	0.52	
35.6	48.8	Road Break	Cum	0	13.20	0.20	0.20	0.20	0.10	0.00	
48.8	60		Cum	2	11.20	0.20	0.20	0.20	0.10	0.45	
60	72.7	Bs Slab	Cum	2	12.70	0.20	0.20	0.20	0.10	0.51	
72.7	85		Cum	2	12.30	0.20	0.20	0.20	0.10	0.49	
85	100	Bs Slab	Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
100	109.3	Bs Slab	Cum	2	9.30	0.20	0.20	0.20	0.10	0.37	
109.3	121.9		Cum	2	12.60	0.20	0.20	0.20	0.10	0.50	
121.9	134.4	Bs Slab	Cum	0	12.50	0.20	0.20	0.20	0.10	0.00	
134.4	149.4		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
149.4	159		Cum	2	9.60	0.20	0.20	0.20	0.10	0.38	
159	171.6	Bs Slab	Cum	0	12.60	0.20	0.20	0.20	0.10	0.00	
171.6	182.3	Road Break	Cum	0	10.70	0.20	0.20	0.20	0.10	0.00	
182.3	197.3		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
197.3	212.3		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
212.3	218.4		Cum	2	6.10	0.20	0.20	0.20	0.10	0.24	
		RHS (East Side)									
		From 2nd Main Road To Dead End									
0	11		Cum	2	11.00	0.20	0.20	0.20	0.10	0.44	
11	23.5	Bs Slab	Cum	0	12.50	0.20	0.20	0.20	0.10	0.00	
23.5	38.5		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
38.5	53.5		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
53.5	60.5		Cum	2	7.00	0.20	0.20	0.20	0.10	0.28	
60.5	61.9	No Work (Swd Drain)	Cum	0	1.40	0.20	0.20	0.20	0.10	0.00	
61.9	76.9		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
76.9	91.9		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
91.9	106.9		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
106.9	111.7		Cum	2	4.80	0.20	0.20	0.20	0.10	0.19	
111.7	114	No Work	Cum	0	2.30	0.20	0.20	0.20	0.10	0.00	
114	132.2		Cum	2	18.20	0.20	0.20	0.20	0.10	0.73	
132.2	145.2	Bs Slab	Cum	0	13.00	0.20	0.20	0.20	0.10	0.00	
145.2	160.2		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
160.2	168.4		Cum	2	8.20	0.20	0.20	0.20	0.10	0.33	
168.4	182.8	Road Break	Cum	0	14.40	0.20	0.20	0.20	0.10	0.00	
182.8	184.8	No Work	Cum	0	2.00	0.20	0.20	0.20	0.10	0.00	

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer 22/5/24

Assistant Executive Engineer 22/5/24

Assistant Executive Engineer
Project Division
Mahadevapura Zone

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
184.0	199.8		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
199.8	214.8		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
214.8	218.3		Cum	2	3.50	0.20	0.20	0.20	0.10	0.14	
		16th Cross Road									
		Fro 15th Cross Road to Swd Drain									
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
30	42.6		Cum	2	12.60	0.20	0.20	0.20	0.10	0.50	
42.6	57.6		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
57.6	72.6		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
72.6	87.6		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60	
87.6	89.7		Cum	2	2.10	0.20	0.20	0.20	0.10	0.08	
									Total Executed Quantity	34.54	
									Qty Carried to Summary	34.54	

25/5/24

25/5/24

CIVIL Pro Sig..... Date..... PMC BANGALORE

25/5/24

Contractor

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.11		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machiner, complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Sqm	1	15.00	7.40	7.35	7.38		110.63	
15	30		Sqm	1	15.00	7.35	7.40	7.38		110.63	
30	45		Sqm	1	15.00	7.40	7.60	7.50		112.50	
45	60		Sqm	1	15.00	7.60	7.40	7.50		112.50	
60	75		Sqm	1	15.00	7.40	7.35	7.38		110.63	
75	90		Sqm	1	15.00	7.35	6.50	6.93		103.88	
90	105		Sqm	1	15.00	6.50	6.43	6.47		96.98	
105	116		Sqm	1	11.00	6.43	6.85	6.64		73.04	
116	116.6		Sqm	1	0.60	5.80	5.60	5.70		3.42	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Sqm	1	15.00	11.10	11.20	11.15		167.25	
15	27.6		Sqm	1	12.60	11.20	10.40	10.80		136.08	
27.6	45		Sqm	1	17.40	11.20	11.20	11.20		194.88	
45	60		Sqm	1	15.00	11.20	11.20	11.20		168.00	
60	75		Sqm	1	15.00	11.20	11.30	11.25		168.75	
75	89		Sqm	1	14.00	11.30	11.10	11.20		156.80	
89	99.8		Sqm	1	10.80	10.60	10.50	10.55		113.94	
99.8	120		Sqm	1	20.20	11.30	11.40	11.35		229.27	
120	131.7		Sqm	1	11.70	11.40	11.30	11.35		132.80	
131.7	137.6		Sqm	1	5.90	10.70	9.50	10.10		59.59	
137.6	152.3		Sqm	1	14.70	10.20	10.40	10.30		151.41	
152.3	176.4		Sqm	1	24.10	11.10	11.60	11.35		273.54	
176.4	185.6		Sqm	1	9.20	13.90	14.00	13.95		128.34	
185.6	187.9		Sqm	1	2.30	10.30	9.90	10.10		23.23	
187.9	200		Sqm	1	12.10	11.20	11.20	11.20		135.52	
200	223.1		Sqm	1	23.10	11.20	11.30	11.25		259.88	
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Sqm	1	15.00	5.70	5.20	5.45		81.75	
15	24.1		Sqm	1	9.10	5.20	5.10	5.15		46.87	
24.1	40		Sqm	1	15.90	5.60	5.60	5.60		89.04	
40	49.9		Sqm	1	9.90	5.60	5.30	5.45		53.96	
									Total Executed Quantity	**3605.06**	
									Qty Carried to Summary	**3605.06**	

Contractor

CIVIL Pro Sig..... Date..... PMC

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.12		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Sqm	1	15.00	7.40	7.35	7.38		110.63	
15	30		Sqm	1	15.00	7.35	7.40	7.38		110.63	
30	45		Sqm	1	15.00	7.40	7.60	7.50		112.50	
45	60		Sqm	1	15.00	7.60	7.40	7.50		112.50	
60	75		Sqm	1	15.00	7.40	7.35	7.38		110.63	
75	90		Sqm	1	15.00	7.35	6.50	6.93		103.88	
90	105		Sqm	1	15.00	6.50	6.43	6.47		96.98	
105	116		Sqm	1	11.00	6.43	6.85	6.64		73.04	
116	116.6		Sqm	1	0.60	5.80	5.60	5.70		3.42	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Sqm	1	15.00	11.10	11.20	11.15		167.25	
15	27.6		Sqm	1	12.60	11.20	10.40	10.80		136.08	
27.6	45		Sqm	1	17.40	11.20	11.20	11.20		194.88	
45	60		Sqm	1	15.00	11.20	11.20	11.20		168.00	
60	75		Sqm	1	15.00	11.20	11.30	11.25		168.75	
75	89		Sqm	1	14.00	11.30	11.10	11.20		156.80	
89	99.8		Sqm	1	10.80	10.60	10.50	10.55		113.94	
99.8	120		Sqm	1	20.20	11.30	11.40	11.35		229.27	
120	131.7		Sqm	1	11.70	11.40	11.30	11.35		132.80	
131.7	137.6		Sqm	1	5.90	10.70	9.50	10.10		59.59	
137.6	152.3		Sqm	1	14.70	10.20	10.40	10.30		151.41	
152.3	176.4		Sqm	1	24.10	11.10	11.60	11.35		273.54	
176.4	185.6		Sqm	1	9.20	13.90	14.00	13.95		128.34	
185.6	187.9		Sqm	1	2.30	10.30	9.90	10.10		23.23	
187.9	200		Sqm	1	12.10	11.20	11.20	11.20		135.52	
200	223.1		Sqm	1	23.10	11.20	11.30	11.25		259.88	
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Sqm	1	15.00	5.70	5.20	5.45		81.75	
15	24.1		Sqm	1	9.10	5.20	5.10	5.15		46.87	
24.1	40		Sqm	1	15.90	5.60	5.60	5.60		89.04	
40	49.9		Sqm	1	9.90	5.60	5.30	5.45		53.96	
									Total Executed Quantity	**3605.06**	
									Qty Carried to Summary	**3605.06**	

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.13		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Cum	1	15.00	7.40	7.35	7.38	0.15	16.59	
15	30		Cum	1	15.00	7.35	7.40	7.38	0.15	16.59	
30	45		Cum	1	15.00	7.40	7.60	7.50	0.15	16.88	
45	60		Cum	1	15.00	7.60	7.40	7.50	0.15	16.88	
60	75		Cum	1	15.00	7.40	7.35	7.38	0.15	16.59	
75	90		Cum	1	15.00	7.35	6.50	6.93	0.15	15.58	
90	105		Cum	1	15.00	6.50	6.43	6.47	0.15	14.55	
105	116		Cum	1	11.00	6.43	6.85	6.64	0.15	10.96	
116	116.6		Cum	1	0.60	5.80	5.60	5.70	0.15	0.51	
									Total Executed Quantity	125.13	
									Qty Carried to Summary	125.13	

28/5/21

28/5/21

CIVIL Pro Sig..... Date..... BANGALORE

PMC

28/5/21

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Project Division

Contractor

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.14		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Cum	1	15.00	7.40	7.35	7.38	0.23	25.44	
15	30		Cum	1	15.00	7.35	7.40	7.38	0.23	25.44	
30	45		Cum	1	15.00	7.40	7.60	7.50	0.23	25.88	
45	60		Cum	1	15.00	7.60	7.40	7.50	0.23	25.88	
60	75		Cum	1	15.00	7.40	7.35	7.38	0.23	25.44	
75	90		Cum	1	15.00	7.35	6.50	6.93	0.23	23.89	
90	105		Cum	1	15.00	6.50	6.43	6.47	0.23	22.30	
105	116		Cum	1	11.00	6.43	6.85	6.64	0.23	16.80	
116	116.6		Cum	1	0.60	5.80	5.60	5.70	0.23	0.79	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Cum	1	15.00	11.10	11.20	11.15	0.23	38.47	
15	27.6		Cum	1	12.60	11.20	10.40	10.80	0.23	31.30	
27.6	45		Cum	1	17.40	11.20	11.20	11.20	0.23	44.82	
45	60		Cum	1	15.00	11.20	11.20	11.20	0.23	38.64	
60	75		Cum	1	15.00	11.20	11.30	11.25	0.23	38.81	
75	89		Cum	1	14.00	11.30	11.10	11.20	0.23	36.06	
89	99.8		Cum	1	10.80	10.60	10.50	10.55	0.23	26.21	
99.8	120		Cum	1	20.20	11.30	11.40	11.35	0.23	52.73	
120	131.7		Cum	1	11.70	11.40	11.30	11.35	0.23	30.54	
131.7	137.6		Cum	1	5.90	10.70	9.50	10.10	0.23	13.71	
137.6	152.3		Cum	1	14.70	10.20	10.40	10.30	0.23	34.82	
152.3	176.4		Cum	1	24.10	11.10	11.60	11.35	0.23	62.91	
176.4	185.6		Cum	1	9.20	13.90	14.00	13.95	0.23	29.52	
185.6	187.9		Cum	1	2.30	10.30	9.90	10.10	0.23	5.34	
187.9	200		Cum	1	12.10	11.20	11.20	11.20	0.23	31.17	
200	223.1		Cum	1	23.10	11.20	11.30	11.25	0.23	59.77	
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Cum	1	15.00	5.70	5.20	5.45	0.23	18.80	
15	24.1		Cum	1	9.10	5.20	5.10	5.15	0.23	10.78	
24.1	40		Cum	1	15.90	5.60	5.60	5.60	0.23	20.48	
40	49.9		Cum	1	9.90	5.60	5.30	5.45	0.23	12.41	
									Total Executed Quantity	829.16	
									Qty Carried to Summary	829.16	

29/5/21

29/5/21

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Asst. Executive Engineer
Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.15		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Sqm	1	15.00	7.40	7.35	7.38		110.63	
15	30		Sqm	1	15.00	7.35	7.40	7.38		110.63	
30	45		Sqm	1	15.00	7.40	7.60	7.50		112.50	
45	60		Sqm	1	15.00	7.60	7.40	7.50		112.50	
60	75		Sqm	1	15.00	7.40	7.35	7.38		110.63	
75	90		Sqm	1	15.00	7.35	6.50	6.93		103.88	
90	105		Sqm	1	15.00	6.50	6.43	6.47		96.98	
105	116		Sqm	1	11.00	6.43	6.85	6.64		73.04	
116	116.6		Sqm	1	0.60	5.80	5.60	5.70		3.42	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Sqm	1	15.00	11.10	11.20	11.15		167.25	
15	27.6		Sqm	1	12.60	11.20	10.40	10.80		136.08	
27.6	45		Sqm	1	17.40	11.20	11.20	11.20		194.88	
45	60		Sqm	1	15.00	11.20	11.20	11.20		168.00	
60	75		Sqm	1	15.00	11.20	11.30	11.25		168.75	
75	89		Sqm	1	14.00	11.30	11.10	11.20		156.80	
89	99.8		Sqm	1	10.80	10.60	10.50	10.55		113.94	
99.8	120		Sqm	1	20.20	11.30	11.40	11.35		229.27	
120	131.7		Sqm	1	11.70	11.40	11.30	11.35		132.80	
131.7	137.6		Sqm	1	5.90	10.70	9.50	10.10		59.59	
137.6	152.3		Sqm	1	14.70	10.20	10.40	10.30		151.41	
152.3	176.4		Sqm	1	24.10	11.10	11.60	11.35		273.54	
176.4	185.6		Sqm	1	9.20	13.90	14.00	13.95		128.34	
185.6	187.9		Sqm	1	2.30	10.30	9.90	10.10		23.23	
187.9	200		Sqm	1	12.10	11.20	11.20	11.20		135.52	
200	223.1		Sqm	1	23.10	11.20	11.30	11.25		259.88	
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Sqm	1	15.00	5.70	5.20	5.45		81.75	
15	24.1		Sqm	1	9.10	5.20	5.10	5.15		46.87	
24.1	40		Sqm	1	15.90	5.60	5.60	5.60		89.04	
40	49.9		Sqm	1	9.90	5.60	5.30	5.45		53.96	
									Total Executed Quantity	**3605.06**	
									Qty Carried to Summary	**3605.06**	

20/5/21

20/5/21

30/5/2021

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

30/5/2021

Asst. Executive Engineer
Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.16		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Sqm	1	15.00	7.40	7.35	7.38		110.63	
15	30		Sqm	1	15.00	7.35	7.40	7.38		110.63	
30	45		Sqm	1	15.00	7.40	7.60	7.50		112.50	
45	60		Sqm	1	15.00	7.60	7.40	7.50		112.50	
60	75		Sqm	1	15.00	7.40	7.35	7.38		110.63	
75	90		Sqm	1	15.00	7.35	6.50	6.93		103.88	
90	105		Sqm	1	15.00	6.50	6.43	6.47		96.98	
105	116		Sqm	1	11.00	6.43	6.85	6.64		73.04	
116	116.6		Sqm	1	0.60	5.80	5.60	5.70		3.42	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Sqm	1	15.00	11.10	11.20	11.15		167.25	
15	27.6		Sqm	1	12.60	11.20	10.40	10.80		136.08	
27.6	45		Sqm	1	17.40	11.20	11.20	11.20		194.88	
45	60		Sqm	1	15.00	11.20	11.20	11.20		168.00	
60	75		Sqm	1	15.00	11.20	11.30	11.25		168.75	
75	89		Sqm	1	14.00	11.30	11.10	11.20		156.80	
89	99.8		Sqm	1	10.80	10.60	10.50	10.55		113.94	
99.8	120		Sqm	1	20.20	11.30	11.40	11.35		229.27	
120	131.7		Sqm	1	11.70	11.40	11.30	11.35		132.80	
131.7	137.6		Sqm	1	5.90	10.70	9.50	10.10		59.59	
137.6	152.3		Sqm	1	14.70	10.20	10.40	10.30		151.41	
152.3	176.4		Sqm	1	24.10	11.10	11.60	11.35		273.54	
176.4	185.6		Sqm	1	9.20	13.90	14.00	13.95		128.34	
185.6	187.9		Sqm	1	2.30	10.30	9.90	10.10		23.23	
187.9	200		Sqm	1	12.10	11.20	11.20	11.20		135.52	
200	223.1		Sqm	1	23.10	11.20	11.30	11.25		259.88	
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Sqm	1	15.00	5.70	5.20	5.45		81.75	
15	24.1		Sqm	1	9.10	5.20	5.10	5.15		46.87	
24.1	40		Sqm	1	15.90	5.60	5.60	5.60		89.04	
40	49.9		Sqm	1	9.90	5.60	5.30	5.45		53.96	
									Total Executed Quantity	**3605.06**	
									Qty Carried to Summary	**3605.06**	

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

30/5/24

Assistant Engineer

30/5/24

Assistant Executive Engineer

Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.17		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Cum	1	15.00	7.40	7.35	7.38	0.05	5.53	
15	30		Cum	1	15.00	7.35	7.40	7.38	0.05	5.53	
30	45		Cum	1	15.00	7.40	7.60	7.50	0.05	5.63	
45	60		Cum	1	15.00	7.60	7.40	7.50	0.05	5.63	
60	75		Cum	1	15.00	7.40	7.35	7.38	0.05	5.53	
75	90		Cum	1	15.00	7.35	6.50	6.93	0.05	5.19	
90	105		Cum	1	15.00	6.50	6.43	6.47	0.05	4.85	
105	116		Cum	1	11.00	6.43	6.85	6.64	0.05	3.65	
116	116.6		Cum	1	0.60	5.80	5.60	5.70	0.05	0.17	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Cum	1	15.00	11.10	11.20	11.15	0.05	8.36	
15	27.6		Cum	1	12.60	11.20	10.40	10.80	0.05	6.80	
27.6	45		Cum	1	17.40	11.20	11.20	11.20	0.05	9.74	
45	60		Cum	1	15.00	11.20	11.20	11.20	0.05	8.40	
60	75		Cum	1	15.00	11.20	11.30	11.25	0.05	8.44	
75	89		Cum	1	14.00	11.30	11.10	11.20	0.05	7.84	
89	99.8		Cum	1	10.80	10.60	10.50	10.55	0.05	5.70	
99.8	120		Cum	1	20.20	11.30	11.40	11.35	0.05	11.46	
120	131.7		Cum	1	11.70	11.40	11.30	11.35	0.05	6.64	
131.7	137.6		Cum	1	5.90	10.70	9.50	10.10	0.05	2.98	
137.6	152.3		Cum	1	14.70	10.20	10.40	10.30	0.05	7.57	
152.3	176.4		Cum	1	24.10	11.10	11.60	11.35	0.05	13.68	
176.4	185.6		Cum	1	9.20	13.90	14.00	13.95	0.05	6.42	
185.6	187.9		Cum	1	2.30	10.30	9.90	10.10	0.05	1.16	
187.9	200		Cum	1	12.10	11.20	11.20	11.20	0.05	6.78	
200	223.1		Cum	1	23.10	11.20	11.30	11.25	0.05	12.99	
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Cum	1	15.00	5.70	5.20	5.45	0.05	4.09	
15	24.1		Cum	1	9.10	5.20	5.10	5.15	0.05	2.34	
24.1	40		Cum	1	15.90	5.60	5.60	5.60	0.05	4.45	
40	49.9		Cum	1	9.90	5.60	5.30	5.45	0.05	2.70	
									Total Executed Quantity	180.25	
									Qty Carried to Summary	180.25	

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CIVIL Pro Sig..... Date..... PMC BANGALORE

Contractor

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer

Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.18		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Sqm	1	15.00	7.40	7.35	7.38		110.63	
15	30		Sqm	1	15.00	7.35	7.40	7.38		110.63	
30	45		Sqm	1	15.00	7.40	7.60	7.50		112.50	
45	60		Sqm	1	15.00	7.60	7.40	7.50		112.50	
60	75		Sqm	1	15.00	7.40	7.35	7.38		110.63	
75	90		Sqm	1	15.00	7.35	6.50	6.93		103.88	
90	105		Sqm	1	15.00	6.50	6.43	6.47		96.98	
105	116		Sqm	1	11.00	6.43	6.85	6.64		73.04	
116	116.6		Sqm	1	0.60	5.80	5.60	5.70		3.42	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Sqm	1	15.00	11.10	11.20	11.15		167.25	
15	27.6		Sqm	1	12.60	11.20	10.40	10.80		136.08	
27.6	45		Sqm	1	17.40	11.20	11.20	11.20		194.88	
45	60		Sqm	1	15.00	11.20	11.20	11.20		168.00	
60	75		Sqm	1	15.00	11.20	11.30	11.25		168.75	
75	89		Sqm	1	14.00	11.30	11.10	11.20		156.80	
89	99.8		Sqm	1	10.80	10.60	10.50	10.55		113.94	
99.8	120		Sqm	1	20.20	11.30	11.40	11.35		229.27	
120	131.7		Sqm	1	11.70	11.40	11.30	11.35		132.80	
131.7	137.6		Sqm	1	5.90	10.70	9.50	10.10		59.59	
137.6	152.3		Sqm	1	14.70	10.20	10.40	10.30		151.41	
152.3	176.4		Sqm	1	24.10	11.10	11.60	11.35		273.54	
176.4	185.6		Sqm	1	9.20	13.90	14.00	13.95		128.34	
185.6	187.9		Sqm	1	2.30	10.30	9.90	10.10		23.23	
187.9	200		Sqm	1	12.10	11.20	11.20	11.20		135.52	
200	223.1		Sqm	1	23.10	11.20	11.30	11.25		259.88	
		13th Cross Road									
		From 2nd Main Road To Dead End									
0	20.9		Sqm	1	20.90	5.20	4.90	5.05		105.55	
20.9	72.6	No work	Sqm	0	51.70	0.00	0.00	0.00		0.00	
72.6	82		Sqm	1	9.40	5.50	5.00	5.25		49.35	
82	136.8	No work	Sqm	0	54.80	0.00	0.00	0.00		0.00	
136.8	160		Sqm	1	23.20	5.50	5.55	5.53		128.18	
160	175		Sqm	1	15.00	5.55	5.50	5.53		82.88	
175	190		Sqm	1	15.00	5.50	5.60	5.55		83.25	
190	205		Sqm	1	15.00	5.60	4.50	5.05		75.75	
205	214.5		Sqm	1	9.50	4.50	4.40	4.45		42.28	

7/6/24

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7/6/24

Contractor

CIVIL Pro Sig..... Date..... PMC

Assistant Engineer 7/6/24

Asst. Executive Engineer 7/6/24

Assistant Executive Engineer

Project Division

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Sqm	1	15.00	5.70	5.20	5.45		81.75	
15	24.1		Sqm	1	9.10	5.20	5.10	5.15		46.87	
24.1	40		Sqm	1	15.90	5.60	5.60	5.60		89.04	
40	49.9		Sqm	1	9.90	5.60	5.30	5.45		53.96	
									Total Executed Quantity	4172.29	
									Qty Carried to Summary	4172.29	

Contractor

CIVIL Pro
Sig.....
Date.....
PMC
BANGALORE

Assistant Engineer

Asst. Executive Engineer
Project Division

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.19		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Telecom Layout									
		13th Cross Road									
		From 2nd main Road To Dead End									
0	15		Sqm	1	15.00	7.40	7.35	7.38		110.63	
15	30		Sqm	1	15.00	7.35	7.40	7.38		110.63	
30	45		Sqm	1	15.00	7.40	7.60	7.50		112.50	
45	60		Sqm	1	15.00	7.60	7.40	7.50		112.50	
60	75		Sqm	1	15.00	7.40	7.35	7.38		110.63	
75	90		Sqm	1	15.00	7.35	6.50	6.93		103.88	
90	105		Sqm	1	15.00	6.50	6.43	6.47		96.98	
105	116		Sqm	1	11.00	6.43	6.85	6.64		73.04	
116	116.6		Sqm	1	0.60	5.80	5.60	5.70		3.42	
		15th Cross Road									
		From 2nd Main Road To Dead End									
0	15		Sqm	1	15.00	11.10	11.20	11.15		167.25	
15	27.6		Sqm	1	12.60	11.20	10.40	10.80		136.08	
27.6	45		Sqm	1	17.40	11.20	11.20	11.20		194.88	
45	60		Sqm	1	15.00	11.20	11.20	11.20		168.00	
60	75		Sqm	1	15.00	11.20	11.30	11.25		168.75	
75	89		Sqm	1	14.00	11.30	11.10	11.20		156.80	
89	99.8		Sqm	1	10.80	10.60	10.50	10.55		113.94	
99.8	120		Sqm	1	20.20	11.30	11.40	11.35		229.27	
120	131.7		Sqm	1	11.70	11.40	11.30	11.35		132.80	
131.7	137.6		Sqm	1	5.90	10.70	9.50	10.10		59.59	
137.6	152.3		Sqm	1	14.70	10.20	10.40	10.30		151.41	
152.3	176.4		Sqm	1	24.10	11.10	11.60	11.35		273.54	
176.4	185.6		Sqm	1	9.20	13.90	14.00	13.95		128.34	
185.6	187.9		Sqm	1	2.30	10.30	9.90	10.10		23.23	
187.9	200		Sqm	1	12.10	11.20	11.20	11.20		135.52	
200	223.1		Sqm	1	23.10	11.20	11.30	11.25		259.88	
		13th Cross Road									
		From 2nd Main Road To Dead End									
0	20.9		Sqm	1	20.90	5.20	4.90	5.05		105.55	
20.9	72.6	No work	Sqm	0	51.70	0.00	0.00	0.00		0.00	
72.6	82		Sqm	1	9.40	5.50	5.00	5.25		49.35	
82	136.8	No work	Sqm	0	54.80	0.00	0.00	0.00		0.00	
136.8	160		Sqm	1	23.20	5.50	5.55	5.53		128.18	
160	175		Sqm	1	15.00	5.55	5.50	5.53		82.88	
175	190		Sqm	1	15.00	5.50	5.60	5.55		83.25	
190	205		Sqm	1	15.00	5.60	4.50	5.05		75.75	
205	214.5		Sqm	1	9.50	4.50	4.40	4.45		42.28	

Contractor

CIVIL Pro Sig..... Date..... PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer Project Division

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		12th Cross Road									
		From 2nd Main road To Dead End									
0	15		Sqm	1	15.00	5.70	5.20	5.45		81.75	
15	24.1		Sqm	1	9.10	5.20	5.10	5.15		46.87	
24.1	40		Sqm	1	15.90	5.60	5.60	5.60		89.04	
40	49.9		Sqm	1	9.90	5.60	5.30	5.45		53.96	
									Total Executed Quantity	**4172.29**	
									Qty Carried to Summary	**4172.29**	

10/6/24

10/6/24

CIVIL Pro
Sig.....
Date.....
PMC
BANGALORE

Contractor

10/6/24
Assistant Engineer

Asst. Executive Engineer
Project Division